

## CLAIMS

What is Claimed is:

1. An animal feeder comprising:
  - a feed bin having a pair of sidewalls, a pair of end walls coupled to said pair of sidewalls, a feed discharge formed in a lower portion of said feed bin;
  - a feed gate positionable relative to said feed discharge;
  - a first gate linkage having a first indexing mechanism and a first connecting member interconnecting said first indexing mechanism and said feed gate to selectively locate a first end of said feed gate relative to said feed discharge in a first set of discrete feed gate positions; and
  - a second gate linkage having a second indexing mechanism and a second connecting member interconnecting said second indexing mechanism and said feed gate to selectively locate a second end of said feed gate relative to said feed discharge in a second set of discrete feed gate positions independent of said first end of said feed gate.
2. The animal feeder of claim 1 wherein said feed discharge is formed in at least one of said pair of sidewalls.
3. The animal feeder of claim 1 further comprising a feed trough adjacent said feed discharge.

4. An animal feeder comprising:

a feed bin having a pair of sidewalls, a pair of end walls coupled to said pair of sidewalls, a first feed discharge and a second feed discharge formed in a lower portion of said feed bin;

a first feed gate positionable relative to said first feed discharge;

a first gate linkage having a first indexing mechanism and a first connecting member interconnecting said first indexing mechanism and said first feed gate to selectively locate a first end of said first feed gate relative to said first feed discharge in a first set of discrete feed gate positions;

a second gate linkage having a second indexing mechanism and a second connecting member interconnecting said second indexing mechanism and said first feed gate to selectively locate a second end of said first feed gate relative to said first feed discharge in a second set of discrete feed gate positions independent of said first end of said first feed gate;

a second feed gate positionable relative to said second feed discharge;

a third gate linkage having a third indexing mechanism and a third connecting member interconnecting said third indexing mechanism and said third feed gate to selectively locate a first end of said second feed gate relative to said second feed discharge in a third set of discrete feed gate positions;

a fourth gate linkage having a fourth indexing mechanism and a fourth member interconnecting said fourth indexing mechanism and said second feed gate to selectively locate a second end of said second feed gate relative to

said second feed discharge in a fourth set of discrete feed gate positions independent of said first end of said second feed gate.

5. The animal feeder of claim 4 wherein said first feed discharge is formed in one of said pair of sidewalls and said second feed discharge is formed in another of said pair of sidewalls.

6. The animal feeder of claim 4 further comprising a feed trough adjacent said first feed discharge and said second feed discharge.

7. The animal feeder of claim 6 wherein said feed trough comprises a first feed trough located adjacent said first feed discharge and a second feed trough located adjacent said second feed discharge.